

Title (en)

Method and apparatuses for scheduling radio resource measurements of a base station

Title (de)

Verfahren und Vorrichtungen für die Planung von Funkressourcenmessungen einer Basisstation

Title (fr)

Procédé et dispositifs de planification de mesures de ressources radio d'une station de base

Publication

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Application

EP 13163886 A 20110413

Priority

- US 32385810 P 20100413
- US 201113085151 A 20110412
- EP 11717835 A 20110413

Abstract (en)

A method and apparatuses for wireless communications are described. The method comprises determining (902), at a first base station (110a...z), a measurement gap (702) associated with a second base station (110a...z) for an inter-frequency or an inter-RAT, radio access technology, radio resource measurement, generating (904), at the first base station (110a...z), resource partitioning information, RPI, with at least one subframe designated for radio resource measurements of the first base station (110a...z) and transmitting (906) subframes from the first base station (110a...z) according to the RPI, wherein the at least one subframe designated for radio resource measurements of the first base station (110a...z) falls within the measurement gap (702) associated with the second base station (110a...z).

IPC 8 full level

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CPC (source: BR EP KR US)

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Citation (search report)

- [XAI] US 2009196250 A1 20090806 - FENG SHULAN [CN], et al
- [I] WO 2009096846 A1 20090806 - ERICSSON TELEFON AB L M [SE], et al
- [A] HUAWEI: "Enhanced ICIC and Resource-Specific CQI Measurement", 3GPP DRAFT; R1-101981, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG1, no. Beijing, china; 20100412, 6 April 2010 (2010-04-06), pages 1 - 5, XP050419318
- [A] HUAWEI: "CQI Enhancement for Interference Varying Environments", 3GPP DRAFT; R1-101061 CQI ENHANCEMENT FOR INTERFERENCE VARYING ENVIRONMENTS VER (FINAL), 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG1, no. San Francisco, USA; 20100222, 16 February 2010 (2010-02-16), pages 1 - 5, XP050418632

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